

228-723

9/22/2014

1/18

 <p><b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> Office of Chemical Safety and Pollution Prevention Office of Pesticide Programs Registration Division (7504P) 1200 Pennsylvania Ave., N.W. Washington, DC 20460</p> <p><b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration Under FIFRA, as amended</p>	<p>EPA Reg. Number: <b>228-723</b></p>	<p>Date of Issuance: <b>SEP 22 2014</b></p>
	<p>Term of Issuance: Conditional</p>	
	<p>Name of Pesticide Product: <b>NUP-09092A</b> <b>Fungicide</b></p>	
<p>Name and Address of Registrant (include ZIP Code): <b>Nufarm Americas, Inc.</b> <b>4020 Aerial Center Parkway,</b> <b>Suite 101</b> <b>Morrisville, NC 27560</b></p>		
<p><b>Note:</b> Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>The application referred to above, submitted under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable under FIFRA sec. (3)(c)(7)(A) subject to the following conditions:</p> <ol style="list-style-type: none"> <li>1. You must submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.</li> <li>2. You are required to comply with the Data Call-in identified below in a timely and adequate manner and submit your responses to Carissa Cyran. DCI# GDCI-071503-1243, issued on 12/5/2012. A copy of the DCI is attached.</li> </ol>		
<p>Signature of Approving Official: <i>Erin Malone for</i> Shaja B. Joyner, Product Manager (20) Fungicide Branch/Registration Division/OPP/OCSP (7505P)</p>		<p>Date: <b>SEP 22 2014</b></p>

3. You must comply with all of the data requirements in the referenced order within the deadlines established by the order. In the case of this DCI, those deadlines are measured from 12/5/2012. If you fail to satisfy the requirements in this Order, EPA will consider appropriate regulatory action, including, among other things, cancellation under FIFRA section 6(e).

Make the following change to the label:

- a. Change the product registration number to "EPA Reg. No. 228-723"

Submit the following data before the due date of 4/6/2016:

- a. Storage Stability (830.6317) and Corrosion Characteristics (830.6320) studies.

The basic Confidential Statement of Formula (CSF) dated 8/13/2013 is acceptable.

Submit one copy of the revised final printed label for the record before the product is released for shipment.

If these requirements are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A copy of your label stamped "Accepted" is enclosed for your records.

Shaja B. Joyner  
Product Manager (20)  
Fungicide Branch  
Registration Division (7504P)

Enclosures:

Label stamped "Accepted"  
Product Chemistry Review dated 8/6/14 {DP416149}  
HED Memo dated 8/15/2013 {DP416160}

3/18

GROUP 12 FUNGICIDE

# NUP-09092A Fungicide

For control of certain foliar, stem, and root diseases in ornamentals grown in interiorscapes field nursery plantings, container nurseries, forest nurseries, residential and commercial landscapes, greenhouses, lath and shade houses, hoop houses or other enclosed structures.

For control of certain diseases on listed vegetables including seedlings and transplants grown in greenhouses, lath and shade houses, hoop houses or other enclosed structures.

**Active Ingredient:**

Fludioxonil.....	40.3%
<b>Other Ingredients:</b> .....	<u>59.7%</u>
<b>Total:</b> .....	100.0%

Contains 4 pounds active ingredient per gallon (480 grams per liter).

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840

ACCEPTED  
SEP 22 2014  
Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:

EPA REG. NO. 228-  
EPA EST. NO. \_\_\_\_\_ EPA. Reg. No: 228-723

NUFARM AMERICAS INC.  
11901 S. Austin Avenue  
Alsip, IL 60803



NET CONTENTS \_\_\_\_\_ GAL. ( \_\_\_\_\_ Liters)  
[Designation as "NONREFILLABLE" or "REFILLABLE" for containers > 5 GAL]

[Nufarm: Grow a better tomorrow]  
[Grow a better tomorrow]

**FIRST AID**

<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by a poison control center or doctor.</li> <li>• Do not give anything to an unconscious person.</li> <li>•</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride (PVC or Viton).
- Shoes plus socks

**USER SAFETY REQUIREMENTS**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

**Users Should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**Engineering Controls**

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**Environmental Hazards**

This product is toxic to fish, aquatic invertebrates, and oysters and shrimp. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

**Groundwater Advisory**

This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

**Surface Water Advisory**

This chemical may contaminate water through drift or spray in wind. This chemical has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this chemical. A level, well maintained vegetative buffer strip between areas to which this chemical is applied and surface water features such as ponds, streams, and springs, will reduce the potential for contamination of water from rainfall runoff. Runoff of such as when soils are saturated and/or significant rainfall is forecast in the next 48 hours. Sound erosion control practices will reduce this chemical's contribution to surface water contamination.

**Physical or Chemical Hazards**

Do not use or store near heat or open flame. Do not use with or store near any oxidizing agents, hazardous chemical reaction may occur.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), restricted-entry interval, and notification to workers. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours**

**Exception:** If the product is applied by drenching, the Worker Protection Standard, under certain circumstances allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

### **NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

**Do not enter treated areas without protective clothing until sprays have dried.**

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR DISEASE CONTROL OR PLANT INJURY**

### **USE RESTRICTIONS AND PRECAUTIONS**

- **Hawaii Use is limited to ornamentals grown in interiorscapes, greenhouses, lath and shade houses, containers, or other enclosed structures.**
- **Nassau and Suffolk Counties, New York Use is limited to ornamentals grown in interiorscapes, greenhouses, lath and shade houses, hoop houses, containers, or other enclosed structures.**
- **Do not apply NUP-09092A™ Fungicide with any type of aircraft.**
- **Apply NUP-09092A Fungicide at rates and timings as described in this label.**

**OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS, ESTUARIES, AND COMMERCIAL FISH FARM PONDS.**

- Do not apply within 75 ft of bodies of water such as lakes reservoirs rivers, permanent streams natural ponds, marshes or estuaries.
- For all plantings within 150 ft of bodies of water as described above, spray crops from outside the planting away from the bodies of water.
- Shut off the sprayer when at row ends.
- Spray the last three rows windward of aquatic areas using nozzles on one side only, with spray directed away from aquatic areas.
- Do not cultivate within 10 ft of aquatic areas as to allow a vegetative filter strip.
- Do not apply when weather conditions favor drift to aquatic areas. Do not apply when gusts or sustained winds exceed 10 mph.
- Do not apply during a temperature inversion. Mist or fog may indicate the presence of an inversion in humid areas.

## RESISTANCE MANAGEMENT

NUP-09092A Fungicide contains fludioxonil which is in the phenylpyrrole class of chemistry and has a unique mode of action which prevents fungal respiration (Fungicide Action Group 12). Fungal isolates with acquired resistance to Group 12 may eventually dominate the fungal population if Group 12 fungicides are used repeatedly or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by fludioxonil or other Group 12 fungicides. A disease management program that includes alternation or tank mixes between NUP-09092A Fungicide and other labeled fungicides that have a different mode of action may prevent pathogen populations from developing resistance. Sanitation and other cultural practices to minimize disease are also recommended to aid in control as well as to assist in preventing/delaying resistance development.

## MIXING PROCEDURES

1. Prepare no more spray mixture than is needed for the immediate operation.
2. Thoroughly clean spray equipment before using this product.
3. Vigorous agitation is necessary to maintain uniformity of the spray mixture.
4. Maintain maximum agitation throughout the spraying operation.
5. Do not let the spray mixture stand overnight in the spray tank.
6. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

To determine the physical compatibility of NUP-09092A Fungicide with other products, use a jar test as described below.

### Jar Compatibility Test

1. Using a quart Jar, add the proportionate amounts of the products to 1 qt of water.
2. Add wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last.
3. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily it is physically compatible.
4. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.
5. If using NUP-09092A Fungicide in a tank mixture, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank-mix product label.
6. Do not exceed the dosage rates on any label.
7. Follow the most restrictive label precaution.
8. Do not mix this product with any other product whose label prohibits such mixing.
9. Tank mixtures are permitted only in those states where the tank mix partner is registered.

### Note: Use with oils or adjuvants may cause plant damage

Plant tolerance has been found acceptable for ornamentals listed in the **ORNAMENTALS** section of this label. However, not all possible tank-mix combinations have been tested under all conditions. When possible, it is recommended to test the combinations on a small portion of target plants to ensure a phytotoxic response will not occur as a result of application.

**NUP-09092A Fungicide Alone:**

1. Add 2/3 of the required amount of water to the spray or mixing tank.
2. With the agitator running, add the labeled amount of NUP-09092A Fungicide into the spray tank all at once.
3. Continue agitation while adding the remainder of the water.
4. Begin application of the spray solution after the material has completely dispersed into the mix water.
5. Maintain agitation until all of the mixture has been applied.

**NUP-09092A Fungicide+ Tank Mixtures:**

NUP-09092A Fungicide is usually compatible with Strider<sup>®</sup>, Torque<sup>®</sup>, Subdue MAXX<sup>®</sup>, Legend<sup>™</sup>, 3336<sup>®</sup>, Alude<sup>™</sup>, and other commonly used fungicides, insecticides and foliar nutrient products. However, the physical and biological compatibility of NUP-09092A Fungicide with tank-mix partners should be tested before use. If in doubt, run a "jar compatibility test or consult with Nufarm company representatives, other users, university or extension personnel before proceeding.

1. Add 2/3 of the required amount of water to the spray or mixing tank.
2. With the agitator running add the labeled amount of NUP-09092A Fungicide into the tank all at once.
3. Continue agitation while adding the remainder of the water.
4. Allow NUP-09092A Fungicide to dissolve and the product to completely disperse into the mix water. Then add the desired amount of other products recommended for tank mixture and allow them to become completely dispersed.
5. Continue agitation to maintain a uniform suspension until all of the spray solution has been applied.
6. Other wettable powders or water dispersible granules should be added to the water in the tank next, followed by flowable products, and emulsifiable concentrates added last.
7. Provide sufficient mechanical or bypass agitation during mixing and application.

**APPLICATION:****Directions for Use Through Microjet or Drip Chemigation Systems**

1. For applications of NUP-09092A Fungicide as soil drench applications only.
2. Do not use in overhead irrigation systems
3. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
4. NUP-09092A Fungicide alone or in tank mixture with other pesticides which are registered for microjet or drip application may be applied in irrigation water at rates specified in this label.
5. Applications to the soil may be made through microjets or drip irrigation. With microjet systems, apply additional water after application is complete to remove residues from the foliage. Apply enough supplemental water to wet the root zones of the plants.
6. Do not apply this product through any other type of irrigation system.
7. Plant injury or lack of effectiveness can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension specialists, equipment manufacturers, or other experts.

- 8. Thorough coverage is necessary to provide good disease control. Where distribution patterns do not overlap sufficiently, unacceptable control may result. Where distribution patterns overlap excessively, injury to desirable plants may result.

**Spray Preparation**

- 1. Chemical tank and injector system should be thoroughly cleaned.
- 2. Flush system with clean water.
- 3. Fill the mix (supply) tank with the required amount of water.
- 4. Start agitation in the tank.
- 5. Agitate the solution until the NUP-09092A has completely dispersed into the solution. Then add desired amount of tank-mix partners.
- 6. Maintain agitation in the tank and inject this mixture into the irrigation system.
- 7. Injecting a larger volume of a more dilute mixture per hour will usually provide more accurate calibration of metering equipment.
- 8. Maintain sufficient agitation to keep the fungicide in suspension.
- 9. Meter into irrigation water during the beginning of the irrigation cycle

**Operation Instructions**

- 1. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- 2. The pesticide injection pipeline must contain a functional automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water.
- 8. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

**Specific Instructions for Public Water Systems**

- 1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- 2. Chemigation systems connected to public water systems must contain a functional reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction.

3. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction.
4. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
5. The pesticide injection pipeline must contain a functional automatic quick-closing check valve to prevent the flow of fluid back toward the injection pump
6. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
7. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump when the water pressure decreases to the point where pesticide distribution is adversely affected.
8. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
9. Do not apply when wind speed favors drift beyond the area intended for treatment.

## ORNAMENTALS

NUP-09092A Fungicide is a protectant fungicide for control of certain foliar, stem, and root diseases in ornamentals grown in interiorscapes, field nursery plantings, container nurseries, forest nurseries, residential and commercial landscapes greenhouses, lath, shade houses, and hoop houses, or other enclosed structures. NUP-09092A Fungicide may also be used on indicated vegetables grown in greenhouses, lath, shade houses, and hoop houses, or other enclosed structures.

**HAWAII ONLY:** For use only on ornamentals grown in containers, greenhouses or other enclosed structures.

**NEW YORK ONLY:** Use in Nassau and Suffolk Counties is limited to ornamentals grown in interiorscapes, greenhouses, lath and shade houses, hoop houses, containers, or other enclosed structures.

NUP-09092A Fungicide controls foliar diseases of ornamentals caused by *Rhizoctonia* spp., *Botrytis* spp., *Cercospora* spp., *Alternaria* spp., *Septoria* spp., and *Myrothecium* spp. when applied on a regular schedule as a full coverage spray.

NUP-09092A Fungicide also will provide control of stem and root diseases caused by *Rhizoctonia* spp., *Fusarium* spp. (e.g., *F. oxysporum*), *Cylindrocladium* spp., *Sclerotium* spp., and *Thielaviopsis* spp., when mixed with the potting media or as a drench to the root zone of plants.

For control of stem and root diseases caused by *Pythium* spp. and *Phytophthora* spp., tank mix NUP-09092A Fungicide with labeled rates of Subdue MAXX or Alude. See mixing instructions for these tank mixes.

### Plant Species

NUP-09092A Fungicide has been tested and found to be safe on the ornamentals listed in this table at specified rates. For plants not listed in the table, see the **NOTICE TO USER** box at the bottom of the table. Numbers in parentheses refer to diseases controlled. See Table 1.

African Violets (1-12)	Coreopsis* (1-12)	Petunia (1-12)
Ageratum (1-10)	Cyclamen (1-12)	Pittosporium (8-12)
Alyssum (1-12)	Daffodil (4 9 10)	Poinsettia (1,4, 9-12)
Aster (1-12)	Dahlia* (1-12)	Portulaca* (1-12)
Azalea (4, 11, 12)	Daisy* (1-12)	Pothos (1-12)
Begonia (1-12)	Fern** (1-12)	Rose (1, 4, 9)
Bleeding Heart* (1-12)	Fuchsia* (1-4)	Salvia (1-12)
Bridal Veil* (1-12)	Gerbera Daisy (1-12)	Snapdragon (1-12)
Caladium (1-12)	Gomphrena (1-12)	Spathiphyllum (1-12)
Calendula (1-12)	Iris (4 9 10)	Sunflower* (1-12)
Carnation (1-12)	Lantana* (1-12)	Tobacco, Flowering* (1-12)
Celosia (1-12)	Lily (4 9 10)	Tulip (4 9 10)
Centrosa* (1-12)	Lysianthus (8-12)	Verbena (1-12)
Chenille* (1-12)	Marigold (1-12)	Vinca (1-12)
Christmas Cactus (1-12)	Mexican Heather* (1-7)	Wandering Jew* (1-12)
Chrysanthemums (1-12)	Nephtytis* (1-12)	Zinnia (1-12)
Coleus (1-12)	Pansy (1-12)	

**Note**

\*Indicates that only foliar applications have been tested for plant safety

\*\*Do not apply NUP-09092A Fungicide to leather leaf fern

1. Drench or at seedling applications to Impatiens or New Guinea Impatiens may cause stunting and/or chlorosis.
2. Foliar or drench applications to Geranium can cause stunting or chlorosis. Responses may vary depending on environmental conditions. NUP-09092A Fungicide should be tested on a limited area to evaluate for any possible damage before proceeding with treatment of the entire crop.

**NOTICE TO USER:** Plant tolerance to NUP-09092A Fungicide has been found to be acceptable for the specific genera and species listed on this label. Due to the large number of species and varieties of ornamentals and nursery plants, it is impossible to test every one for tolerance to NUP-09092A Fungicide. Neither the Manufacturer nor the Seller has determined whether or not NUP-09092A Fungicide can be used safely on ornamental plants not specified on this label. The professional user should determine if NUP-09092A Fungicide can be used safely prior to commercial use. In a small area, test the required rates on a small number of plants for phytotoxicity prior to widespread use.

**Table 1: Diseases Controlled by NUP-09092A Fungicide**

<b>Foliar Diseases</b>	
1	Aerial Blight ( <i>Rhizoctonia</i> spp )
2	Alternaria Leaf Blight ( <i>Alternaria</i> spp )
3	Alternaria Leaf Spot ( <i>Alternaria</i> spp )
4	Botrytis Blight ( <i>Botrytis</i> spp )
5	Cercospora Leaf Spot ( <i>Cercospora</i> spp )
6	Myrothecium Leaf Spot and Blight ( <i>Myrothecium</i> spp )
7	Septoria Leaf Spot ( <i>Septoria</i> spp )
<b>Stem, Crown, and Root Rots</b>	
8	Cylindrocladium Stem and Root Rot ( <i>Cylindrocladium</i> spp )
9	Fusarium Stem and Root Rot ( <i>Fusarium</i> spp )
10	Rhizoctonia Stem and Root Rot ( <i>Rhizoctonia</i> spp )
11	Southern Blight ( <i>Sclerotium rolfsii</i> )
12	Black Root Rot ( <i>Thielaviopsis</i> spp )

**Foliar Spray**

For control of *Rhizoctonia* spp., *Alternaria* spp., *Septoria* spp., *Myrothecium* spp., and *Cercospora* spp., use 1-2 fluid ounces /100 gal of water and spray to runoff at 7 to 14 day intervals while conditions are favorable for disease development.

For control of *Botrytis* spp. use 2-4 fluid ounces/100 gal of water and spray to runoff at 7 to 14 day intervals while conditions are favorable for disease development. For management of the potential development of resistance in the *Botrytis* population, use no more than two consecutive applications of NUP-09092A Fungicide before rotating to another effective product registered for *Botrytis* control on ornamentals with a different mode of action.

**Notes**

- (1) Under severe conditions, use the highest rate and/or the shortest application interval.
- (2) Use sufficient spray volume to wet the plants to the point of drip.
- (3) For a single foliar application, apply up to a maximum of 4 fluid ounces /100 gal (1fl oz /25 gal) (0.188 lbs ai/A).

**Pre-Potting Growing Media Mix**

NUP-09092A Fungicide can be mixed with the potting media before seeding or transplanting by uniformly mixing 1-2 fluid ounces per cu yd of potting media. The desired amount of NUP-09092A Fungicide should be mixed with 5 - 10 gallons of water and applied to 1 (one) cu yd of potting media. Adjust water volume depending upon characteristic of media and equipment. Uniform mixing can be accomplished by placing the potting mix in a rotating drum or other mixing device, and spraying the NUP-09092A Fungicide solution onto the mix while the equipment is mixing the media. Media should be uniformly damp to insure proper application. It is recommended that NUP-09092A Fungicide treatment should be made just before the plants are seeded or potted up.

### Growing Medium Drench At Seeding

For the control of damping-off, root, and stem diseases, mix 1 fluid ounce per 100 gallons of water. When using NUP-09092A Fungicide for control of *Rhizoctonia* spp., apply sufficient mix to wet the upper one-half of the growing medium. For control of other root and stem diseases, completely drench the growing medium. Make only one application to the seeding crop prior to transplanting or transfer to larger containers.

### Growing Medium Drench for Transplants and Cuttings

For the control of root and stem diseases, mix 1-2 fluid ounces per 100 gallons of water. When using NUP-09092A Fungicide for control of *Rhizoctonia* spp., apply sufficient mix to wet the upper one-half of the growing medium. For control of other root and stem diseases, completely drench the growing medium. If needed, retreat transplants and cuttings with NUP-09092A Fungicide as described above at 21 to 28 day intervals. Two applications per year during conditions favorable for disease development are usually adequate to control diseases of ornamentals.

### Notes

- (1) Under severe conditions, use the highest rates and/or the shortest application interval.
- (2) For control of *Pythium* and *Phytophthora* diseases in addition to *Rhizoctonia* spp., *Cylindrocladium* spp., *Thielaviopsis* spp., *Fusarium* spp., and *Sclerotium* spp., tank mix NUP-09092A Fungicide with labeled rates of Subdue MAXX or Alude.
- (3) Drench applications can be made at up to a maximum of 2 pt /sq ft to wet the root zone of plants (1.6 lb ai/A).

### Maximum Use Rates

For indoor drench applications, use up to 30 fluid ounces of NUP-09092A Fungicide per 1000 sq ft/year (10 gallons [40 lbs AI] per acre). Applications to pre-potting mix can be made up to 4 fluid ounces of NUP-09092A Fungicide per cu yd.

The high use rates specified for container nurseries, greenhouses, or other enclosed structures are due to the high organic matter soil mixes used in these systems and the high binding affinity of NUP-09092A Fungicide for organic matter.

For field grown and landscape ornamentals, apply up to a maximum of 1.5 fluid ounces/1000 sq ft /year (0.51 gallons [2.04 lbs AI] per acre) and the single maximum application rate is 0.68 lb Fludioxonil/A/application. For outdoor container grown ornamentals, apply up to a maximum of 3 fluid ounces/1000 sq ft /year (1 gallon [4 lbs AI]/A/year).

<b>CROP USE DIRECTIONS</b>
----------------------------

**Vegetables including Seedlings and Transplants (Not For Use in California)**

NUP-09092A Fungicide may be used for management of foliar, stem and root diseases on indicated vegetables grown in greenhouses, lath, shade houses, and hoop houses, or other enclosed structures.

Crop	Disease	Rate fl oz/Acre	Notes
<b>Brassica (Cole) Leafy Vegetables</b> (Including all cultivars and/or hybrids of these) Broccoli Broccoli, Chinese Broccoli raab Brussels sprouts Cabbage Cabbage, Chinese Cauliflower Cavalo broccolo Collards Kale Kohlrabi Mizuna Mustard greens Mustard spinach Rape greens Turnip greens	Alternaria leaf blight ( <i>Alternaria</i> spp.)  Suppression: Cercospora leaf spot ( <i>Cercospora brassicola</i> )	5.5-7 (0.17-0.22 lbs ai/A)	Begin applications prior to or at the onset of disease and repeat applications on a 7-10 day interval if conditions remain favorable for disease development.  Resistance Management: After 2 applications of NUP-09092A, alternate with another fungicide with a different mode of action for 2 applications.
<b>Specific Use Restrictions</b> <ul style="list-style-type: none"> <li>• Apply by ground equipment only.</li> <li>• Do not use roots of treated turnips for food or feed. Only turnip varieties harvested for their leaves may be treated.</li> <li>• Do not apply more than 28 fl. oz./A of NUP-09092A (0.9 lb. of fludioxonil/A) per year.</li> <li>• Do not apply within 7 days of harvest (7 day PHI).</li> </ul>			

Crop	Disease	Rate fl oz/Acre	Notes
<b>Herbs</b> (Dried and fresh) Angelica Balm Basil Borage	Alternaria leaf spot ( <i>Alternaria</i> spp.)  Botrytis leaf blight ( <i>Botrytis</i> spp.)	5.5-7 (0.17-0.22 lbs ai/A)	Begin applications prior to or at the onset of disease and repeat applications on a 7-10 day interval if conditions remain favorable for

<p>Burnet Chamomile Catnip Chervil, dried leaves Chive Clary Coriander, leaves (cilantro) Costmary Cilantro, leaves Curry, leaves Dillweed Horehound Hyssop Lavender Lemongrass Lovage, leaves Marigold Marjoram Nasturtium Parsley, dried leaves Pennyroyal Rosemary Rue Sage Savory, summer and winter Sweet bay Tansy Tarragon Thyme Wintergreen Woodruff Wormwood</p>	<p>Fusarium blight (Fusarium spp.)</p>		<p>disease development. Apply in a minimum spray volume of 30 gals./A to obtain thorough coverage.</p> <p>Resistance Management: After 2 applications of NUP-09092A, alternate with another fungicide with a different mode of action for 2 applications.</p>
---	--	--	---

**Specific Use Restrictions**

- Apply by ground equipment only.
- Do not apply more than 28 oz./A of NUP-09092A (0.9 lb. of fludioxonil/A) per year.
- Do not apply within 7 days of harvest (7 day PHI).

Crop	Disease	Rate fl oz./acre	Notes
<p><b>Leafy Vegetables</b> (except Brassica and Spinach) (Including cultivars and/or hybrids of</p>	<p>Alternaria leaf spot (Alternaria spp.)  Septoria leaf spot (Septorialactucaae)  Gray mold (Botrytis cinerea)</p>	<p><b>5.5-7</b> <b>(0.17-0.22 lbs ai/A)</b></p>	<p>Begin applications prior to or at the onset of disease and repeat applications on a 7- 10 day interval if conditions remain favorable for disease development.</p>

these) Amaranth Arugula Cardoon Celery Celtuce Chervil Chrysanthemum, edible Corn salad Cress Dandelion Dock Endive (escarole) Fennel Lettuce, head and leaf Orach Parsley Purslane Radicchio Rhubarb Swiss Chard	Sclerotinia rot (Sclerotinia spp.)  Basal rot (Phoma exigua)		For control of Sclerotinia, make the first application at thinning and again two weeks later.  Resistance Management: After 2 applications of NUP-09092A, alternate with another fungicide with a different mode of action for 2 applications.
Specific Use Restrictions <ul style="list-style-type: none"> <li>• Apply by ground equipment only.</li> <li>• Do not apply more than 28 oz./A of NUP-09092A (0.9 lb. of fludioxonil/A) per year.</li> <li>• May be applied on the day of harvest (0 day PHI).</li> </ul>			

### STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool place. **DO NOT** store in direct sunlight. Protect from freezing temperatures.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

#### CONTAINER HANDLING:

**[Note to Reviewer:** The following statement will be included on all Final Printed Labels bearing multiple Container Disposal (Container Handling) statements] **NOTE:** This product is available in multiple containers. Refer to the Net Contents section of this products labeling for the applicable "Nonrefillable" or "Refillable" designation. Follow the container disposal [handling] instructions below that apply to your container type / size."

#### **[Nonrefillable Containers 5 Gallons or Less]**

**Nonrefillable container. DO NOT** reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

#### **[Nonrefillable containers larger than 5 gallons]**

**Nonrefillable container. DO NOT** reuse or refill this container. Offer for recycling if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

**Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, UNINTENDED**

CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

#### LIMITATION OF LIABILITY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

**If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.**

(RV091014)

All other trademarks are the property of their respective owners.